

Post-Doc Position at the CENBG

Applications are invited for a post-doctoral position at the Centre d'Etudes Nucléaires de Bordeaux-Gradignan (CENBG) in France. The post-doctoral researcher will work in the Nuclear Energy group whose main activity is the measurement of nuclear data of interest for reactor physics.

The main task will involve the measurement of the neutron-induced fission cross sections of ^{240}Pu and ^{242}Pu in reference to the neutron-on-proton elastic scattering cross section. For this purpose, the development of a new detector for low-energy recoiling protons is needed. This work is part of the European project ANDES (Accurate Nuclear Data for nuclear Energy Sustainability) of the FP7.

Preference will be given to candidates with strong experience in detector development, neutron-induced experiments and simulation codes like MCNPX or GEANT.

The post is available from January 2011 and is funded for 12 months, in first instance. The net salary will be 2039,68 €per month.

Informal applications with a CV (including description of research interests, names and emails of possible referees, etc.) should be sent by e-mail to Igor Tsekhanovich (tsekhamo@cenbg.in2p3.fr) and/or Beatriz Jurado (jurado@cenbg.in2p3.fr).